IN THE SPECIFICATION:

Please amend the specification as follows:

Pursuant to 37 CFR § 1.121(b)(1)(iii), a marked up copy of each paragraph amended below appears on the page immediately following each amendment.

Please delete the paragraph that begins on page 3, line 27 and ends on page 3, line 30 and insert the following paragraph therefor:

--Aided with disclosures herein, implementation of the present embodiments by those skilled in the art will be readily understood. In consideration of a total approach to a largest number of scenarios and state diagrams, the total solution is much more difficult.--

Please delete the paragraph that begins on page 4, line 16 and ends on page 4, line 29 and insert the following paragraph therefor:

--Turning now to FIG. 1, an exemplary computer 10 incorporating thermal lap management according to one embodiment of the present disclosure is illustrated. Computer 10 includes a central processing unit (CPU) 12, read only memory (ROM) 14, and memory 16. Computer 10 further includes at least one fan 18, at least one battery 20 (for example, a removable battery), an AC power unit 22, and a temperature probe 24. A battery absent position is illustrated by reference numeral 21. The components of computer 10 are interconnected via one or more buses, shown collectively as a bus 26. Computer 10 may also include other components such as input/output (I/O) devices (for example, a display, a keyboard, a mouse or other pointer device, and associated controllers), a hard disk drive, and other storage devices (for example, a floppy disk

drive, CD-ROM drive, and the like), and various other subsystems, such as a network interface card). These other components are known in the art and not shown in the Figures nor described further herein for simplicity of explanation. --

Please delete the paragraphs that begin on page 5, line 1 and end on page 5, line 17 and insert the following paragraphs therefor:

-- With reference still to FIG. 1, ROM 14 includes the computer system basic input output system (BIOS), otherwise referred to as firmware, of computer 10. In addition, fan 18 provides a prescribed cooling action to CPU 12 according to the embodiments of the present disclosure, as further discussed herein. Note that while only one fan 18 is illustrated, more than one fan is possible. Temperature probe 24 provides temperature information, for example, of at least CPU 12.

In the instance of computer 10 comprising a notebook computer, a docking station 28, also referred to as a port replicator, enables computer 10 to be operated in a docked mode, as is known in the art. The docking station enables computer 10 to be easily coupled via a docking connector to a variety of other connections, for example, a video connector, parallel connector, universal serial bus (USB) connector, serial connector, AC adapter connector, etc. Computer 10 further includes a top cover and a base. With a notebook or laptop computer, the top cover generally includes a display screen and opens up to reveal a keyboard underneath the same. The computer further includes a base, on an opposite side from the top cover. --

Please delete the paragraph that begins on page 10, line 26 and ends on page 10, line 30 and insert the following paragraph therefor:

-- In connection with identifying techniques to efficiently manipulate and record active and passive cooling methods, the present embodiments make use of the BIOS to determine optimal temperature ranges. In connection with the challenge of generating a real time flow of thermal data from the BIOS into the operating system, the present embodiments utilize the WMI/ACPI interface. --

Please delete the paragraph that begins on page 11, line 26 and ends on page 12, line 2 and insert the following paragraph therefor:

-- A main challenge in developing the algorithm was in finding temperature ranges that would be optimal for the different scenarios such as AC power with fast battery charge, AC without charge, AC without a battery, etc. Accordingly, the worst case was chosen as optimal because it would provide cooling under the highest heat generating condition (for example, AC with fast charge), or simply maintain a cooler case temperature under less heat generating conditions (for example, AC with no charge). In addition, a separate algorithm is implemented for DC power. --

Please delete the paragraph that begins on page 18, line 14 and ends on page 18, line 21 and insert the following paragraph therefor:

-- Although only a few exemplary embodiments have been described in detail above, those skilled in the art will readily appreciate that many modifications are possible in the exemplary embodiments without materially departing from the novel teachings and advantages described herein. Accordingly, all such modifications are intended to be included within the scope of this description as defined in the following claims. In the claims, means-plus-function clauses are intended to cover the structures described herein as performing the recited function and not only structural equivalents, but also equivalent structures. --